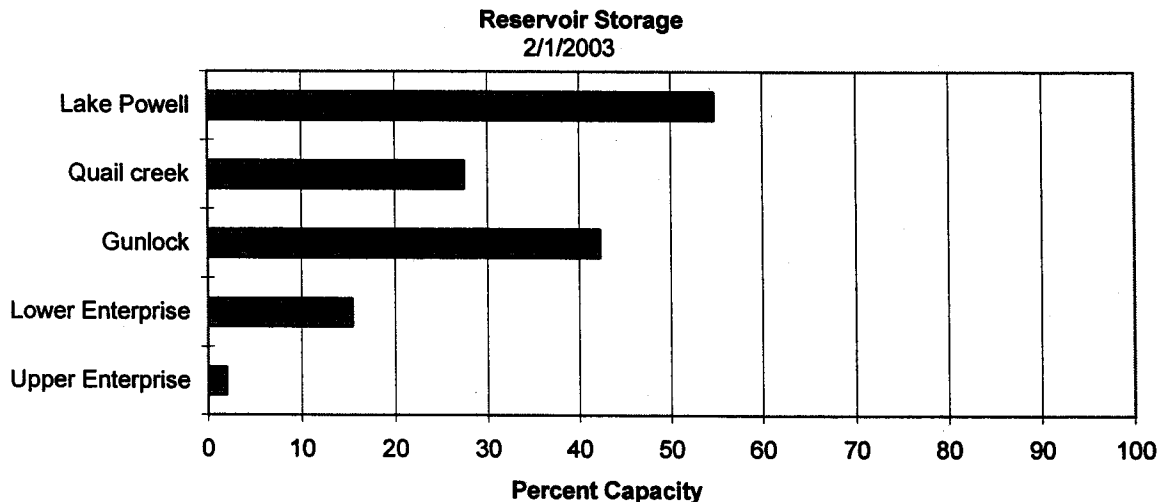
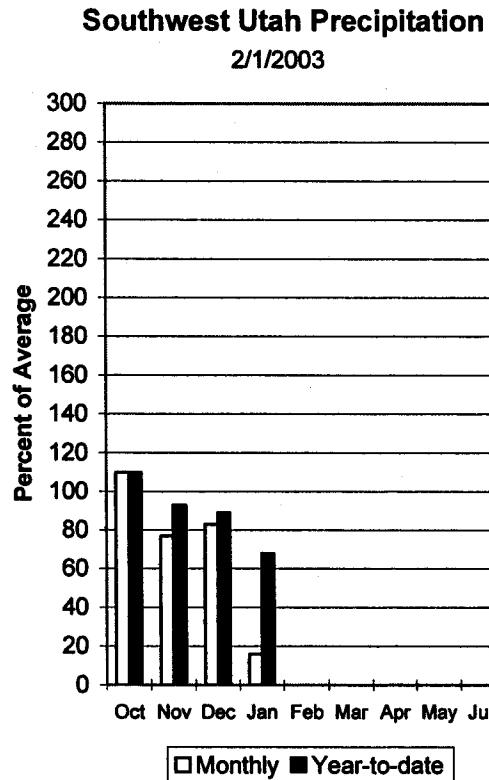
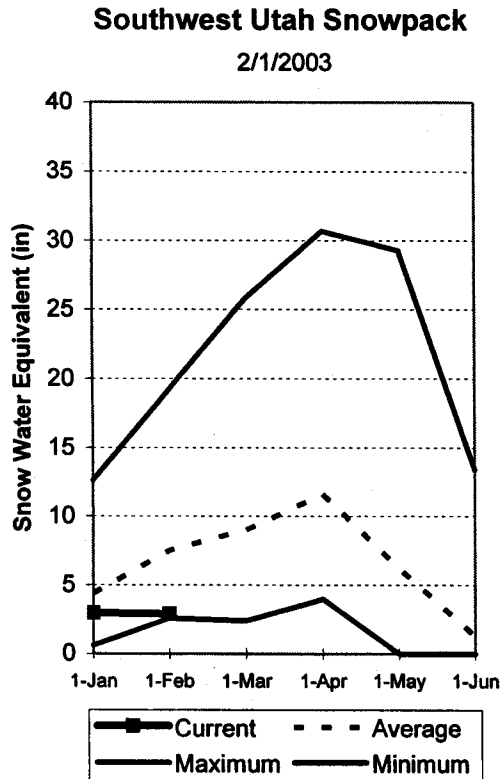


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Feb 1, 2003

Snowpacks in this region are at 39% of average, about 85% of last year and down 29% relative to last month. Individual sites range from 0 to 78% of average and it could be the fifth consecutive below normal April 1 snowpack year. There is a 22% chance of getting back to average conditions by April 1. Soil moisture is somewhat improved over last year and may yield a higher runoff efficiency. Precipitation was much below normal during January at 16% of average, bringing the seasonal accumulation (Oct-Jan) to 68% of normal. Reservoir storage is at 25% of capacity. General water supply conditions and streamflow forecasts are much below normal.



E. GARFIELD, KANE, WASHINGTON, & IRON Co.
Streamflow Forecasts - February 1, 2003

Forecast Point	Forecast Period	<<----- Drier ----- Future Conditions ----- Wetter ----->>						30-Yr Avg. (1000AF)
				Chance Of Exceeding *				
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Lake Powell inflow	APR-JUL	1523	3355	4600	58	5845	7677	7930
Virgin River nr Virgin	APR-JUL	16.2	26	34	53	43	58	64
Virgin River nr Hurricane	APR-JUL	17.0	22	31	45	40	53	69
Santa Clara River nr Pine Valley	APR-JUL	0.47	1.53	2.60	47	3.95	6.46	5.50

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Reservoir Storage (1000 AF) - End of January

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Watershed Snowpack Analysis - February 1, 2003

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
GUNLOCK	10.4	4.4	7.1	5.7	VIRGIN RIVER	5	81	40
LAKE POWELL	24322.0	13300.0	17507.0	---	PAROWAN	2	96	50
QUAIL CREEK	40.0	11.0	32.4	26.5	ENTERPRISE TO NEW HARMONY	2	0	0
UPPER ENTERPRISE	10.0	0.2	0.5	---	COAL CREEK	2	94	43
LOWER ENTERPRISE	2.6	0.4	0.2	38.0	ESCALANTE RIVER	2	141	70
					E. GARFIELD, KANE, WASHIN	9	88	39

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.